



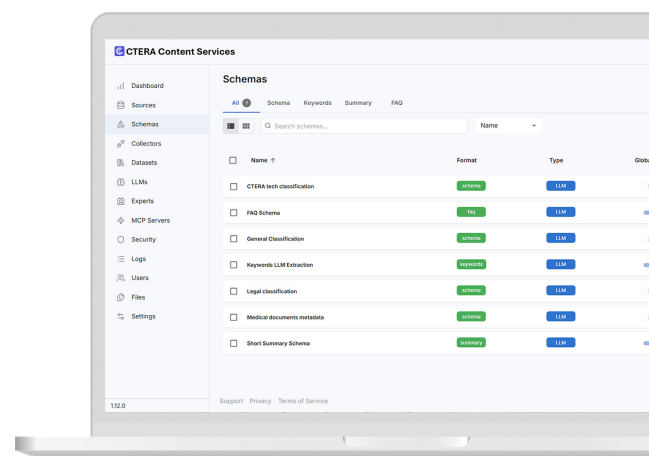
CTERA Classify Content Service

Intelligent Data Classification for Security, Compliance, and AI

In an age of explosive data growth, you cannot govern, protect, or operationalize what you do not understand. Manual data classification is slow, inconsistent, and impossible to scale, leaving organizations exposed to compliance risks and limiting the effectiveness of AI initiatives.

CTERA Classify delivers an automated, intelligent framework that understands, tags, and structures unstructured data in real time. By generating consistent sensitivity labels, rich metadata, and context-aware annotations, it transforms raw files into clean, AI-ready datasets.

The result is stronger security and governance controls, along with high-quality labeled data that AI agents and machine learning models can reliably use for retrieval, training, reasoning, and decision-making.



Key Features

- Real-Time Classification:** CTERA Classify automatically categorizes unstructured data in near real time as it's created or updated, so nothing slips through the cracks. It works across documents, scanned files, audio, video, and images, and uses state of the art AI for deeper content understanding, including advanced OCR, Vision Language Models, audio transcription, and more.
- Automated Compliance and Sensitivity Labeling:** With customizable classification schemas, CTERA Classify can be configured to detect PII, PHI, financial data, intellectual property, contractual content, keywords, and other sensitive information. Once identified, content is automatically mapped to standardized sensitivity labels and regulatory tags aligned with GDPR, HIPAA, CCPA, and industry requirements.
- Creates a Structured Metadata Layer:** Extracts semantic entities, business context, intent, and key concepts to generate structured, reusable metadata based on user-defined JSON schemas. Built-in document summarization creates concise overviews that speed up review and investigation. When combined with CTERA Search, it becomes even more powerful, enabling unified queries across both metadata and full-text content.
- AI-Ready Data Foundation:** Produces clean, context-rich, consistently labeled datasets that improve data quality for analytics, machine learning, and generative AI workloads. Ensures models operate on trusted, well-governed information.
- Designed for the Agentic Enterprise:** Makes all classification outputs available through the Model Context Protocol (MCP), enabling integration with AI agents, copilots, governance tools, and external platforms. Structured metadata and enriched content can be programmatically accessed and embedded into automated workflows.

How It Works



Extract

As data is created or modified, real-time events trigger advanced content extraction across the global file system. The platform captures full file content from documents, PDFs, emails, images, audio, and video.



Analyze

The engine evaluates content in real time using AI, LLMs, and pattern matching to precisely identify sensitive information like PII, financial data, and intellectual property.



Enrich

Based on the analysis, the system automatically applies durable metadata, sensitivity labels, and regulatory tags using your own custom schemas to ensure the intelligence is persistent.



Govern

This structured data allows you to automate compliance, access controls, and retention policies, creating a clean, trusted, and AI-ready foundation for your enterprise data.

Key Benefits

- 1 Strengthen Security and Compliance**
Proactively identify and tag sensitive data to reduce the risk of breaches and ensure adherence to regulatory mandates.
- 2 Improve Data Quality for AI**
Transform unstructured data into a clean, organized, and reliable asset ready for machine learning and analytics.
- 3 Automate Data Governance**
Eliminate slow, error-prone manual classification processes and ensure consistent policy enforcement across your enterprise.
- 4 Enhance Data Lifecycle Management**
Make informed decisions about data retention, access control, and storage tiering based on intelligent classification.



AVAILABILITY

CTERA Classify is available as a licensed add-on Enterprise Content Service for the CTERA Intelligent Data Platform.

Learn more about how CTERA Classify can turn data chaos into the clarity you need for security, compliance, and AI by visiting our website or contacting a CTERA representative.

[LEARN MORE](#)